

HUNGARY/Optics - Physical Optics

K-5

Abs Jour : Ref Zhur - Fizika, No 12, 1958, No 28571

Author : Janossy Lajos, Naray Zsolt

Inst : Central Research Institute of Physics, Department of Cosmic Rays, Budapest, Hungary

Title : The Interference Phenomena of Light at very low Intensities.

Orig Pub : Magyar tud. akad. kozp. fiz. kutato int. kozl., 1957, 5, No 3, 287-300

Abstract : Using a Michelson interferometer and a photomultiplier, the authors have determined the distribution of the intensity of light in the interference fringes at very low light intensity, corresponding to  $10^{-6}$  quantum/sec, i.e., under conditions where on the average less than one quantum was located at one time in the apparatus. Experiments, carried out at a depth of 30 meters underground with automatically controlled apparatus have shown that the distribution, within the limits of experimental accuracy, is independent of the density of light, which varied by a factor of  $10^4$ .

Card : 1/1

56

HUNGARY/Nuclear Physics - Installations and Instruments. Methods of Measurement and Research C-2

Abs Jour : Ref Zhur - Fizika, No 4, 1959, No 7505

Author : Gyorgyi Geza, Janossy Lajos

Inst : -

Title : Determination of Particle Energy in Emulsion with a Count of "Noise."

Orig Pub : Magyar tud. akad. kozp. fiz. kutato int. kozl., 1957, 5, (KPKI) No 3, 331-337

Abstract : No abstract

Card : 1/1

12

**"APPROVED FOR RELEASE: 08/10/2001**

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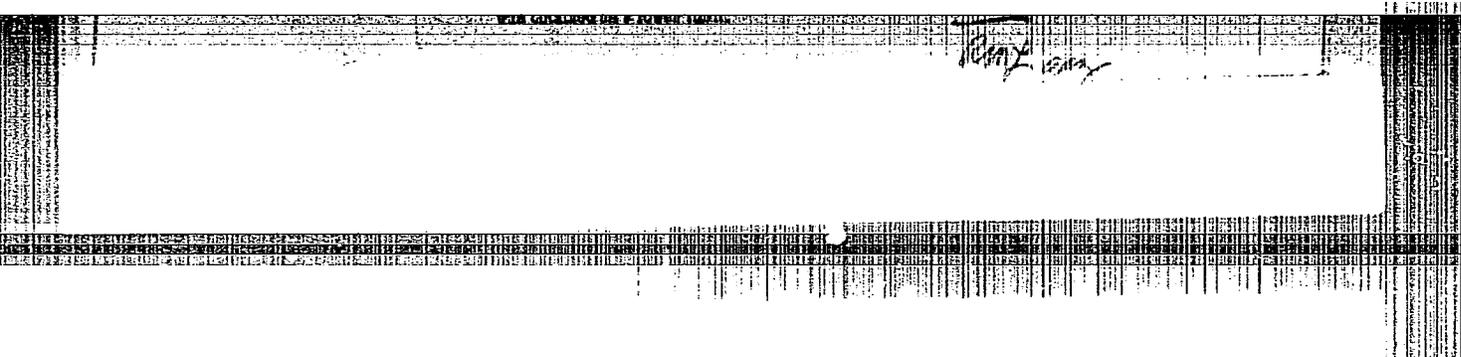
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HUNGARY/Nuclear Physics - Installations and Instruments, Methods C-2  
of Measurement and Research

Abs Jour : Ref Zhur - Fizika, No 10, 1958, No 22229

Author : Janosy L.

Inst : Central Research Institute of Physics, Budapest, Hungary

Title : On the Determination of the Energy of a Particle from its  
Track in Emulsion

Orig Pub : Acta phys. Acad. sci. hung., 1957, 7, No 4, 385-401

Abstract : The author examines statistical methods for determining the energy of particles. The maximum information on the energy is obtained from the method, described in the article, of the maximum likelihood. This method, however, is too complicated. It is shown that it can be replaced by a considerably simpler method, which reduces the information by merely 1% compared with the first method.

Card : 1/1

JANOSSY, L.

Review of the experimental evidence for the law of variation of the electron mass with velocity. P. S. Farage and L. Janossy (Central Research Inst. Phys., Budapest, Hungary) *Atti del Convegno* [10], 5, 1411-30 (1957) (in English).—F. and

J. review the exptl. measurements which support the Lorentz equation for the variation of mass with velocity. Although all expts. are consistent with this law, they conclude that only the data on the fine structure of H-like spectra (Glitscher, C.A. 12, 1147) are sufficiently precise to distinguish between the Lorentz equation and that of Abraham, derived for a rigid electron (no reference given).

George L. Cunningham

TH  
UP

J. XANOSSY, L.  
AUTHOR  
TITLE

PA - 3252

JANOSSY L.  
Further Ideas Expressed In Connection With the Physical Interpretation of the LORENTZ Transformation.  
(Dal'neyshiye soobrazheniya o fizicheskoy interpretatsii preobrazovaniy Lorentsa -Russian)  
Uspekhi Fiz.Nauk, 1957, Vol 62, Nr 1, pp 149-181 (U.S.S.R.)  
Received 7/1957  
Reviewed 8/1957

PERIODICAL

ABSTRACT

In connection with his article (Acta Physica Hung. 1, 91, 1952) the author endeavors to adopt a modified LORENTZ-FITZGERALD point of view with regard to EINSTEIN'S point of view. Einstein's theory is criticised on account of the fact that its assumptions, the absence of signals with a velocity greater than that of light and the impossibility of determining the absolute motion of the earth, cannot be positively proved. Whereas in the case of Einstein's point of view the problem is in the foreground as to what one and the same system of various systems of reference looks like, here the modification of a physical system on the occasion of its acceleration is studied. By making use of detailed conceptions concerning the structure of matter, which are lacking in Einstein's kinematic study, computations are carried out in a system of inertia, and the relativistic effects (Michelson-Morley experiment, time dilation, transversal Doppler effect, mass variability) are computed as a consequence of the modification of the equilibrium configuration of substances on the occasion of

Card 1/2

Further Ideas Expressed In Connection With the Physical Interpretation of the LORENTZ Transformation.

their acceleration. Already the assumption that binding forces are propagated with the velocity of light results in  $v^2$  effects; for the correct Lorentz values it is sufficient to assume the Lorentz covariance of electromagnetic and nuclear forces, it is not necessary to extend this covariance to all laws of nature. This manner of basing upon a single system of reference and shifting one's attention to the effect of acceleration with respect to such a system is described by the author as "dynamic".  
(With 9 references).

ASSOCIATION  
PRESENTED BY  
SUBMITTED  
AVAILABLE  
Card 2/2

Library of Congress

JANOSSY, L.

4038

21

6. Investigating the classical fluctuation of light. Gy. Graff, L. Jánosy. *A Magyar Tudományos Akadémia Közponi Fizikai Kutató Intézetének Közleményei* (Proceedings of the Central Research Institute for Physics of the Hungarian Academy of Sciences), Vol. 6, 1968, No. 6, pp. 329-338

In this paper the atoms of the light source are assumed to emit signals at random times  $t'$ . They have different random phases  $\varphi$ , different angles of polarization  $\epsilon$ , different amplitudes  $E$  and different frequencies  $\omega$ .  $\epsilon$  and  $\varphi$  are assumed to be equally distributed. Concerning  $E$  and  $\omega$  such a probability of emission can be written down which, because of the Doppler effect due to the thermal motion of the atoms, differs from zero inside a finite frequency band width and which has its maximum at  $\omega = \omega_0$ . The two components of the effect of elementary emission in the direction of the  $x$  axis are

$$e_y(t) = E e^{-\gamma(t-t')} \sin[\omega(t-t') + \varphi] \cdot \sin \epsilon$$

$$e_z(t) = E e^{-\gamma(t-t')} \sin[\omega(t-t') + \varphi] \cdot \cos \epsilon$$

//  
 when  $t > t'$  and  $e_y(t) = e_z(t) = 0$  when  $t < t'$ . Proceeding from this pure classical model the fluctuations of light intensity, the expected value of interference and their correlation measured with a coincidence arrangement have been determined by the probability calculus.

*Ans*

January, 1955

24(5)

PHASE I BOOK EXPLOITATION 307/3313

Akademiya nauk SSSR, Institut filosofii

Filosofskiy vopros sovremennoy fiziki (abornik); (Philosophical Problems of Modern Physics; Collection) Moscow, Izd-vo AN SSSR, 1955. 426 p. Errata slip inserted. 7,000 copies printed.

Ed. I. V. Kuznetsov and M. E. Osel'yanovskiy; Ed. of Publishing House: V. K. Moroz; Tech. Ed.: S. O. Markovitch.

PURPOSE: This book is intended for physicists but may be read satisfactorily by other scientists and the educated layman interested in the philosophical questions of advanced physics.

COVERAGE: This book contains 12 articles on philosophical problems in physics. Problems are divided into three subject divisions: 1) general problems of philosophy; 2) problems of quantum theory; 3) problems in the theory of relativity. The views of Einstein, Bohr, Born, Heisenberg, Pauli, Schrodinger, Heisenberg, Janovsky, et al are presented and subjected to criticism from the Soviet side by Osel'yanovskiy, Politkov, Pok, et al. Questions dealing with idealism, agnosticism, and dialectical materialism in the philosophy of physics are discussed. This collection of articles is the third in a series under the same title. Earlier volumes were published in 1952 and 1953. References accompany each article.

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JANOSSY, L.

225/60.

037,631.16

Measurement in lead of the absorption length of cosmic ray particles producing penetrating showers. Gy. B. A. K. K. E. Fenyves, L. Janossy. *A Magyar Tudományok Akadémiá Központi Fizikai Kutató Intézetének Közleményei* (Proceedings of the Central Research Institute for Physics of the Hungarian Academy of Sciences), Vol. 7, 1958, No. 3, pp. 97-100, 3 figs., 3 tabs.

The absorption length of particles producing penetrating showers was measured in lead at great absorber thicknesses by means of a penetrating shower detector. For selecting the individual nucleary active particles, local penetrating showers were detected and the coincidence rates measured were corrected for surface effects. The absorption length was found to be  $(414 \pm 17)$  g per sq. cm, in good agreement with results published in literature. The mean energy of particles producing penetrating showers measured was estimated to be 40 to 42 GeV.

JA  
124

JANOSY, L.; PAL, L.; BEKESY, A.

"Methods of determination of the fluctuation of the power and the distribution of fast-ionizing particles." In Russian. p. 297.

ACTA PHYSICA. (Magyar Tudományos Akademia). Budapest, Hungary, Vol. 9, No. 3, 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 9, No. 9, August 1959.  
Uncla.

10-1-55/2

Measurement of the absorption length of penetrating shower-producing cosmic-ray particles in lead. G. Bogdani, E. Fenyves, and L. Jánosy (Central Research Inst. Phys., Budapest, Hung.). *Nuclear Phys.* 11, 531-9 (1959).—In order to select single nuclear active particles, local penetrating showers were detd., and the coincidence rates measured were corrected for spurious effects. The absorption length was detd. to be  $414 \pm 17$  g./sq. cm., in good agreement with other expts. The mean energy of the recorded penetrating shower-producing particles was estd. to be between 30 and 60 b.e.v. Norman E. Pickering

5

JANOSSY, Lajos; RUPP, Erzsebet

Determination of parameters in the case of exponential absorption by  
means of the maximum likelihood method. Koz fiz kozl MTA 8 no.2/3:  
71-74 '60. (EEAI 10:4)

1. Magyar Tudomanyos Akademia Kozponti Fizikai Kutato Intezete,  
Numerikus Csoport.  
(Cosmic rays) (Neutrons)

JANCSSY, Lajos; RUPP, Erzsebet

Determination of parameters in case of exponential decay. Koz fiz kozl  
MTA 8 no.2/3:75-81 '60. (EEAI 10:4)

1. A Magyar Tudomanyos Akademia Kozponti Fizikai Kutato Intezete,  
Numerikus Csoport. (Cosmic rays) (Neutrons)

GOMBOSI, Eva; JANOSSY, Lajos

Determination of the frequency of various types of events by the  
maximum likelihood method. Koz fiz kozl MTA 8 no.2/3:83-86 '60.  
(EEAI 10:4)

1. A Magyar Tudomanos Akademia Kozponti Fizikai Kutato Intezete,  
Kozmikus Sugarzasi Laboratorium.  
(Nuclear emulsions)

JANOSSY, Lajos, akademikus (Budapest)

Organized link between the Hungarian Academy of Sciences and the  
academies of socialist countries. Magy tud 67 no.4:225-228 Ap '60.  
(KEAI 9:9)

1. Akadémiai titkar, Magyar Tudományos Akademia, Budapest.  
(Hungarian Academy of Sciences)  
(Hungary--Relations (General) with Europe, Eastern)  
(Europe, Eastern--Relations (General) with Hungary)

JANOSSY, Lajos; LEE, Anna; ROZSA, Pal

Estimate of the parameter of the Coulomb scattering on the ground of measurements performed in photoemulsions. Mat kut kozl MTA 6 Series B no.4:467-497 '61.

1. Kozponti Fizikai Kutato Intezet (for Janossy).

JANOSSY, Lajos, dr., akademikus (Budapest)

Problem of the dual nature of light. Term tud kozl 5 no.9:388-  
390 S '61.

JANOSSY, Lajos; RUPP, Erzsebet

Determination of parameters characteristic to the absorption of cosmic particles active from the point of view of atomic radiation. Koz foz kozl MTA 9 no.3:101-105 '61.

1. "Magyar Tudományos Akadémia Központi Fizikai Kutató Intézetének Közleményei" felelős kiadója (for Janossy).

JANOSSY, Lajos, dr.; NARAYNE ZIEGLER, Maria

Tables for the calculation of the error of quadratic means in case of the gamma distribution. Koz fiz kozl MTA 9 no.4:183-191 '61.

1. Felelos kiado, "A Magyar Tudomanyos Akademia Kozponti Fizikai Kutato Intezetenek Kozlemenyei" (for Janossy).

S/058/02/000/011/022/061  
A160/A101

AUTHORS: Jánóssy, Lajos, Náray, Zsolt, Varga, Péter

TITLE: An experimental investigation of the correlation of coherent light beams

PERIODICAL: Referativnyy zhurnal, Fizika, no. 11, 1962, 2, abstract 11G11 ("Magyar tud. akad. Közp. fiz. kutató int. közl.", no. 4, 1961, 9, 197 - 205, III, IX, Hungarian; summaries in Russian and English)

TEXT: With the help of a semitransparent plate the light beam was split into two coherent beams. The correlation arising due to an interference of various wave trains of both beams was measured with the help of an electronic device operating by the method of coincidences. It was found out that the correlation depends on the properties of the light source, the parameters of the optical system, and on the resolution power of the device determining the coincidence. It was determined that there is a considerable discrepancy between the measured and computed correlation values.

[Abstracter's note: Complete translation]

Card 1/1

ADAM, Andras; QUITTNER, Pal; ZENTAI, Pal; JANOSSY, Lajos, dr., egyetemi tanar  
(Budapest)

Statistical appraisal of complex amplitude spectra. Koz fiz kozl MTA  
S no.5/6:293-299 '61.

JANOSSY, Lajos, akadémikus, Kossuth-díjas egyetemi tanár

Physics; the past one and a half decades in retrospect. Elst tud 16  
no.49:1559-1560 3 D '61.

1. Központi Fizikai Kutató Intézet igazgatója.

SOMOGYI, Antal; URAY, Laszlo; JANOSSY, Lajos, akademikus

Determination of exponential absorption parameters from  
angular distribution by means of the method of maximum likelihood.  
Koz fiz kozl MTA 10 no.6:403-422 '62.

1. "Magyar Tudomanyos Akademia Kozponti Fizikai Kutato Inte-  
zetenek Kozlemenyei" felelos kiadoja (for Janossy).

GOMBOSI, Eva; JANOSSY, Lajos

Determination of the relative intensity of the various types of atomic nuclei in the primary cosmic radiation on the basis of the maximum likelihood method. Koz fiz kozl MTA 11 no.9:163-174 '63.

1. "Magyar Tudományos Akadémia Központi Fizikai Kutató Intézetének Közleményei" felelős kiadója (for Janossy).

JANOSSY, Lajos; ZIEGLER, M.

The hydrodynamical model of wave mechanics. Pt. 1. Acta  
phys Hung 16 no.1:37-48 '63.

1. Central Research Institute of Physics, Budapest.
2. Editorial Board member, "Acta Physica Academiae Scientiarum  
Hungaricae" (for Janosy).

JANOSSY, Lajos, akadémikus

Some problems of the Hungarian scientific life and the 8th Congress of the Hungarian Socialist Workers Party. Magyar tud 70 no.1:1-6 Ja '63.

1. Magyar Tudományos Akadémia alelnöke; Központi Fizikai Kutató Intézet igazgatója; "Magyar Tudomány" szerkesztő bizottsági tagja.

GELEJI, Sandor, akadémikus, egyetemi tanár; ERDEY-GRUZ, Tibor, akadémikus;  
JANOSSY, Lajos, akadémikus; HEVESI, Gyula, akadémikus

Problems relating to the basic research in the field of technical sciences. Magy tud 70 no.5:338-361 My '63.

1. Miskolci Nehézipari Műszaki Egyetem (for Geleji).
2. Tudományos és Felsőoktatási Tanács elnöke (for Erdéy-Gruz).
3. Magyar Tudományos Akadémia alelnöke (for Janossy and Hevesi).

JANOSSY, Lajos; NARAY, Zsolt

Investigations into the dual nature of light. Fiz szemle 8 no.1:3-9  
Ja '58.

1. Kozponti Fizikai Kutato Intezet Kosmikus Sugarzasai Osztaly.

JANOSSY, Lajos; HUSZAR, Miklos

Double frequency scattering. Koz fiz kozl MTA 11 no.2:77-87 '63.

1. "A Magyar Tudomanyos Akademia Kozponti Fizikai Kutato Intezetenek Kozlemenyei" felelos kiadoja (for Janossy).

FARKAS, Gyozo; JANOSSY, Lajos; NARAY, Zsolt; VARGA, Peter

Experimental tests for determining the correlation of coherent light beams. Koz fiz kozl MTA 11 no.2:89-97 '63.

1. "A Magyar Tudományos Akademia Kozponti Fizikai Kutato Intezetenek Kozlemenyei" felelos koadoja (for Janossy).
2. "A Magyar Tudományos Akademia Kozponti Fizikai Kutato Intezetenek Kozlemenyei" szerkeszto bizottsagi tagja (for Naray).

JANOSSY, Lajos; HUSZAR, Miklos

Data on two relativistic experiments. Fiz szemle 14 no.4:  
114-116 Ap '64.

1. Central Research Institute of Physics, Hungarian  
Academy of Sciences, Budapest.

JANOSSY, Lajos; ZIEGLER-NARAY, Maria

The hydromechanical model of wave mechanics. Pt. 2. Acta phys  
Hung 16 no. 4:345-353 '64.

1. Central Research Institute of Physics, Budapest. 2. Editorial  
board member, "Acta Physica Academiae Scientiarum Hungaricae" (for  
Janosy).

GOMBOSI, Eva; JANOSSY, Lajos

Determination of the frequency of various types of events by the maximum likelihood method. Acta phys Hung 16 no. 4:361-365 '64.

1. Central Research Institute of Physics, Laboratory for Cosmic Rays, Budapest.

JANOSSY, Lajos

Reflections on the problem of measuring the velocity of light.  
Acta phys Hung 17 no.4:421-455 '64.

1. Central Research Institute of Physics of the Hungarian  
Academy of Sciences, Budapest, and Editorial Board Member, "Acta  
Physica Academiae Scientiarum Hungaricae."

BERKESEY, Andrew ALAN 1938

Rotational motion of a magnetized particle in a magnetic field varying slowly in time. *Acta Sci. Math. B. Ser. B. N. S.* 1973-507-153 (publ. 1974).

1. Central Research Institute of Physics, Hungarian Academy of Sciences, Budapest.

JANOSSY, Lajos

Reflections on the problem of measuring the velocity of light.  
Acta phys Hung 17 no.4:421-455 '64.

1. Central Research Institute of Physics, Budapest, and Editorial  
Board Member, "Acta Physica Academiae Scientiarum Hungaricae."

JANOSSY, Lajos

Considerations in connection with isotropic propagation of  
light. Fiz szemle 15 no.3:81-84. Mr '65.

1. Central Research Institute of Physics of the Hungarian  
Academy of Sciences, Budapest.

JANOSSY, L.

The Lorentz principle. Acta physica Pol 27 no.1:61-87 '65.

1. Central Research Institute of Physics, Budapest. Submitted  
June 6, 1964.

L 38941-66 ARG/EWP(c)/EWP(h)/FBD/FBO IJP(c) WW

ACC NR: AP6029737

SOURCE CODE: HU/0016/66/000/004/0108/0111

AUTHOR: Janossy, Lajos

ORG: Central Research Institute for Physics, Budapest (Kozponti Fizikai Kutato Intezet)

33B

TITLE: Two-rocket paradox

SOURCE: Fizikai szemle, no. 4, 1966, 108-111

TOPIC TAGS: <sup>2/</sup>time <sup>12/</sup>measurement, clock, missile flight characteristic

ABSTRACT: The two-rocket paradox, according to which the flow of time as measured by a clock on board of one of the rockets moving at relative velocities appears to be slower or faster depending upon the location of the observer, was discussed. The relationships involved were treated on the basis of back-and-forth signals between the two rockets in motion, the signals travelling at the speed of light. Twenty-six equations were presented and discussed. Orig. art. has: 2 figures and 25 formulas. [JPRS: 36,465]

SUB CODE: 20, 22 / SUBM DATE: none / ORIG REF: 001

Card 1/1 *HB*

0918 0218

JANOSSY, Mihaly, dr.

Problems in the management of innovations. Epites szemle  
6 no.5:155-159 '62.

1. Epitesugyi Miniszterium Epitesgazdasagi es Szervezesi  
Intezet tudomanyos munkatarsa.

JANOSY, Mihaly, dr., tudomanyos-munkatars

Role of some factors influencing the effect of incentive awards at construction companies. Epites szemle 7 no.2: 55-59 '63.

1. Epitesugyi Miniszterium Epitesgazdasagi es Szervezesi Intezet.

JANOSSY, Mihaly, dr., tudományos főmunkatárs; MORY, Laszlo, dr.,  
főelőadó

Defining the spheres of activity in managing construction  
industry enterprises. Építés szemle 8 no. 5:137-147 '64.

1. Institute of Building Economics and Organization, Ministry  
of Construction, Budapest (for Janossy). 2. Personnel and  
Legal Department, Ministry of Construction, Budapest (for  
Mory).

JANOSSY, Tibor, Dr.; MOROCZ, Karoly, Dr.

Pregnandy and labor after preceding cesarean section. Orv. hetil.  
100 no.37:1327-1331 Sept 13 59

I. A Budapesti Orvostudományi Egyetem II. sz. női klinikájának (igaz-  
gato: Zolton Imre dr. egyetemi tandr) közleménye.

(CESAREAN SECTION)

(PREGNANCY)

FERKO, Sandor, dr.; JANOSSY, Tibor, dr.

Perforation of the uterus. Orv.hetil. 101 no.33:1153-1157 14 Ag 1960.

1. Budapesti Orvostudományi Egyetem, II. sz Szülészeti és  
Nőgyógyászati Klinika.  
(UTERUS wds & inj)

JANOSSY, T.; RIGO, J.

On the significance of radiocobalt pearls in the therapy of  
uterine neoplasms. Neoplasma (Bratisl.) 12 no.4:441-444 '65.

1. Die II. Universitats-Frauenklinik, Budapest, Ungarn.  
Submitted May 3, 1964.

JANOSSY, Tibor, dr.

On radiogold (Au-198) therapy of malignant ovarian tumors. Magy.  
onkol. 6 no.2:83-87 My '62.

1. Budapesti Orvostudományi Egyetem, II. sz. Női Klinika.  
(OVARIUS neopl) (GOLD radioactive)

JANOSSY, Tibor, dr. MAGY, Eva

Treatment of a case of ovarian tumor with a radioactive isotope Au-198.  
Magy.radiol. 14 no.4:212-218 J1 '62.

1. A Budapesti Orvostudományi Egyetem II. sz. Női Klinikájának és az  
I. sz. Sebészeti Klinika Orvosi-Radiológiai Kutató Csoportjának  
közleménye.

(GOLD radioactive)

(OVARIES neopl)

JANOSY, Bela (Tg. Mures)

Accelerators of elementary particles. Gaz mat B 14 no.7:390-  
398 JI '63.

YUGOSLAVIA / Organic Chemistry. Natural Compounds  
and Their Synthetic Analogs.

G-3

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 77825.

Author : Janot, M.-M.  
Inst : Not given.  
Title : Iboga Alkaloids.

Orig Pub: Croat Chem Acta, 29, No 3-4, 195-200 (1957) (in  
French with a Serbo-Croat summary).

Abstract: A review of the chemistry of the Tabernanthe Iboga  
H. Bn. alkaloids: ibogamine, ibogaine, tabernan-  
thine, and iboluteine, discussed in the most re-  
cent researches of the author and of his cowork-  
ers (see RZhKhim, 1958, 46915. The bibliography  
lists 24 articles. -- E. Serebryakov.

Card 1/1

ČZECHOSLOVAKIA / Cultivated Plants. Commercial. M-5  
Oil-Bearing. Sugar-Bearing.

Abs Jour: Ref Zhur-Biol., No 6, 1958, 25193

Abstract: of nectar in a single blossom of faceliawas 1.8  
mg. with 24.52% sugar content. In mixed plantings  
it can yield from 1 ha. approx. 120 kg. of nectar  
and in pure sowings up to 440 kg. per ha. --  
A. M. Smirnov

Card 2/2

JANOVA, Imrich

New trends in wood working with regard to raw materials. Les  
cas 8 no.6:397-408 '62.

1. Vysoka skola lesnicka a drevarska, Zvolen.

JANOTA, Imrich

Contribution to the discussion on the present state and development of the woodworking industry. Drevo 18 no.2:54-58 F '63.

1. Vysoka skola lesnicka a drevarska, Zvolen.

JANOTA, Imrich, prof.

"Handbook of wood technology" by [Inc.] Arnold Frank and others.  
Reviewed by Imrich Janota. Provo 19 no. 4:267 Ap. 1964.

JANOTA, J., inz.

Water resources management in Cuba. Vodni hosp 13 no.1:11-14  
'63.

1. Hydroprojekt, Praha.

YANOTA, Jan

USSR/ Electronics - Television receivers

Card 1/1 Pub. 89 -- 15/40

Authors : Yanota, Jan, Director of the Television Office of the Czechoslovakian Republic

Title : Television in Czechoslovakia

Periodical : Radio 10, page 20, Oct 1954

Abstract : The development of television in Czechoslovakia is described. The Czechoslovakian television set "Tesla-4001 A" widely used in that country has been designed along the lines of the Soviet type "KBH-49" (KVN-49) television set.

Institution: .....

Submitted: .....

JANOTA, L.

Consumption of oxalic acid by *Pseudomonas extorquens* Bassalik in relation to the starting number of cells. *Med.dosw.mikrob.* 2 no.2: 131-132 1950. (CIML 20:6)

1. Summary of report given at 10th Congress of the Polish Microbiological and Epidemiological Society held in Gdansk, Sept. 19-49. Author is from Warsaw.

JANOTI, L.

Research work of L. K. Clayton concerns: photosynthesis, respiration, and  
tactic responses in Rhodospirillum rubrum. . . 305.  
(ROSPERY FOTOSYNTEZ. Vol. 2, no. 3, 1966, Warszawa, Poland)

SO: Monthly List of East European Accessions (WPA) II. Vol. 2, no. 12, Dec. 1967.  
Uncl.

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CZECHOSLOVAKIA

PALEK, S; JANOVA, M.

Cardiological Laboratory of the Second Internal Medicine  
Clinic FVL (Kardiologicka laborator pri II. vnitri  
klinice FVL), Prague (for both)

Brno, Vnitri lekarstvi, No 6, 1963, pp 575-581

"The Role of Oxymetry in the Determination of Some  
Ventilatory and Respiratory Disturbance."

DAUM, S., (Praha-Krc, Budejovicka 800); JANOTA, M.; BOUDIK, F.; Technicka  
spoluprace: MACHANOVA, A.; PLACHA, B.; DOUBRAVOVA, V.

Diffusion capacity of the lung in patients with uremia. Cas. lek.  
Cesk. 104 no.47:1285-1290 26 N '65.

I. Vyzkumny ustav experimentalni terapie v Praze (reditel prof.  
dr. O. Smahel, DrSc.) a II. interni klinika fakulty vseobeceho  
lekarstvi Karlovy University v Praze (prednosta prof. dr. F.  
Herles). Submitted April 1965.

XI

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DAUM, S; JANOVA, M; KOPECKÝ, M; OUŘEDNÍK, A.

Czechoslovakia

Cardiological Laboratory and the Second Internal  
Medicine Clinic FVL of Charles University -- Prague  
(Kardiologická laboratoř a II. vnitřní klinika FVL  
University Karlovy -- Praha); Head: F. HERLES, Prof.  
Dr. - (for all)

Prague, Vnitřní lékařství, NŘ- IX-2, 1963, pp 105-115

"Blood Gases, pH and Some Respiratory Values in  
Pneumonia."

Internal Medicine

CZECHOSLOVAKIA

UDC 616.24-005.98:616.153.495

JANOVA, M.; VALEK, A.; BALCAR, V.; TEICHMANN, V.; 2nd Internal Clinic Faculty of General Medicine, Charles University (II. Interni Klinika Fak. Vseob. Lek. KU), Prague, Head (Prednosta) Prof Dr F. HERLES; Radiological Clinic Faculty of Gen. Med. Charles University (Radiologicka Klinika Fak. Vseob. Lek. KU), Prague, Head (Prednosta) Prof Dr V. SVAB.

"Pulmonary Edema in Uremia."

Prague, Casopis Lekarů Ceskych, Vol 105, No 27-28, 4 Jul 66, pp 738 - 743

Abstract [Authors' English summary modified]: An account of the clinical picture of pulmonary edema in uremic patients is presented. 393 anuric patients, of whom 35 were examined thoroughly, were studied. It is recommended that interstitial and alveolar pulmonary edema be differentiated; clinical, X-ray and necroptic means of differentiation are described. The two have a common genesis, but the extent of affection, the prognosis, and the best therapeutic methods are different. X-ray pictures are particularly valuable in the diagnosis of latent interstitial pulmonary edema. Latent changes can also be detected by examination of pulmonary functions. 4 Figures, 6 Tables, 43 Western, 10 Czech, 2 Russian references. (Ms. rec. Sep 65).

SURNAME, Given Name

Country: Czechoslovakia

Academic Degrees

Affiliation:

Source: Prague, Prakticky Lekar, Vol 41, No 15-16, Aug 21, 1961; pp 684-687

Data: "Acute Poisoning with Isoniazid and its Treatment"

STRADAL, Vaclav ; MD, Internal Department Okres Institute for People's Health, Most (Interni oddeleni OUNZ) Chief Dr J. ULRICH, Most

JANOVA, Milos Graduate Physician, Second Internal Medicine Department, Kraj Institute for People's Health (II. interni oddeleni KUNZ) Chief Dr. A. FAFL, Usti nad Labem

5

KLENER, P.; JANOTA, M. STEJSKAL, J.

Renal damage in pyrabutol treatment. Cas. lek. cesk. 104 no.24:  
650-653 18 Je'65.

1. II. Interni klinika fakulty vseobecneho lekarstvi Karlovy  
University v Praze (prednosta: prof. dr. F. Herles, DrSc.) a  
I. Patologickoanatomicky ustav fakulty vseobecneho lekarstvi  
Karlovy University v Praze (prednosta: prof. dr. E. Bednar,  
DrSc.).

NEMLICOVA, R.; DONNER, L.; JANOTA, M.; BRUSIL, J.

Erythrocyte picture in chronic respiratory insufficiency in  
chronic inflammation of the bronchi and pulmonary emphysema.  
Vnitri lek. 11 no.3:216-225 Mr '65

1. II. vnitri klinika (prednosta: prof. Dr. F. Herles) a  
Biofyzikalni ustav (prednosta: uoc. Dr. Z. Dienstbier).

JANOVA, Milos

Report on a visit to a department of internal medicine in the  
People's Republic of Germany. Cas. lek. cesk. 104 no.6:38-40  
12 F'65.

1. II. interni klinika fakulty vseobecneho lekarstvi Karlovy  
University v Praze (prednosta: prof. dr. F. Herles).

JARON, K.; BACH, S.

Oximetry in interstitial pulmonary fibrosis. Cas. lek. cesk. 104  
no.8:208-211 26 F165.

I. II. Interní klinika fakulty všeobecného lékařství Karlovy  
University v Praze (prednosta: prof. dr. F. Herles, DrSc.)  
a Vědecký ústav experimentální terapie v Praze-Křov (reditel:  
prof. dr. S. Šmahel, DrSc.).

DAUM, Severin; JANOTA, Milos ; Technicka spoluprace: KROUZKOVA, Lida

Oximetry in determination of intrapulmonary gas distribution disorders, lung diffusion capacity disorders and increased percent of pulmonary shunts. Acta Univ. Carol. [med.] (Praha) 9 no.4:359-381, - '63

1. Vyzkumny ustav experimentalni terapie v Praze-Krci (reditel: doc. MUDr. O.Smahel, DrSc) Kardiologicka laborator pri II. interni klinice fakulty vseobecneho lekarstvi University Karlovy v Praze (prednosta:prof. dr. F.Herles, DrSc).

JANOTA, Milos; CHUNDELA, Bedrich

Acute dichlorethane poisoning. Prac. lek. 16 no.2:69-72 Mr'64

1. II. interni klinika fakulty vseobecného lékařství KU [Karlovy university] v Praze (prednostas prof. dr. F.Herles, DrSc) a Laborator pro toxicologii a soudní chemii fakulty vseobecného lékařství KU [Karlovy university] v Praze (vedoucí prof. dr. K.Kačl. DrSc.).

JANOVA, O.; DOBIAS, J.; SLANINA, J.

Cerebro-cutaneous angiomatosis; contribution to the etiology of  
Sturge-Weber's disease. Neur. & psychiat. cesk. 13 no.6:294-316  
Dec 50. (CLML 20:8)

1. Of the Neurological and Psychiatric Department of the Hospital  
in Bulovka Prague VIII (Head--Prof. O. Janova, M.D.) and of the  
Roentgenological Department (Head--Head Physician J. Slanin, M.D.).

JANOTA, C.  
3398

Neurolog.-psychiatr. oddel st. obl. nemocnice Praha VIII-Bulovka. Mesnaze pri posuzovani pricinne souvislosti mozkovych haemorrhagii a malacii s urazem hlavy Difficulties in interpretation of causal connection of cerebral haemorrhage and softening with head injury Cas. Lek. ces. 1951, 90/49 (1467-1471)

In a man of 21 a right hemiparesis and hemihypaesthesia with aphasia developed immediately after a fall on the ice. In the 2nd case a man of 58, 2 symmetrical softenings in the basal ganglia developed 2 and 4 months after a brain concussion which seemed to be mild one. This was also a case of falling on the ice with subsequent short unconsciousness.

Henner - Prague

So: Excerpta Medica, Section VIII, Vol. 5, No.9, September 1952



JANOVA, Otakar, Dr. prof.; VOJIR, Rudolf, Dr.

Auditory hallucination located in the amputated stump of the lower extremity. Neur. psychiat. cesk. 18 no.1:3-7 Feb 55.

1. Z neurol. -psychiatr. odd. nemocnice na Bulovce - OUNZ, Praha 8; predn. prof. Dr. O.Janova.

(HALLUCINATIONS

auditory, located in amputated stump of leg)

(HEARING

auditory hallucinations located in amputated stump of leg)

*JANOTA, O.*

JANOTA, O., prof. Dr.

Evaluation of the so-called narcoexploration. Cas. lek. cesk. 44  
no.13:323-326 25 Mar 55.

1. Z Neurolog. odd. SON v Praxe 8-Bulovka. Prednosta prof. Dr.  
J.Janota.

(MENTAL DISORDERS, diagnosis  
narcoexploration, indic.)

JANOTA, O., Prof.

75th birth anniversary of prof. Zdenek Myslivecek. Cas. lek. cesk.  
95 no.41:1126-1127 12 Oct 56.

(BIOGRAPHIES  
Myslivecek, Zdenek (Cz))

CZECHOSLOVAKIA / Microbiology. Antibiosis and  
Symbiosis. Antibiotics.

F

Abs Jour : Ref. Zhur - Biol., No 21, 1958, No 95052

Author : Arpai, Jan; Foltyn, Oskar; Janotkova, Olga

Inst : -

Title : Antifungus Activity of Isolated Strains of  
Trichothecium in Relation to Plasmopara Viticola.

Orig Pub : Biologia, 1957, 12, No. 4, 266-279

Abstract : The antifungus activity was investigated of cul-  
tural liquids, unselected and selected, obtained  
from single spore strains p. Trichothecium Link,  
especially in relation to Plasmopara viticola  
(Berk et Court) Ferlese et de Toni. Representa-  
tives of P. Trichothecium formed an antibiotic  
substance, active in relation to this parasite,  
the fungistatic concentration (90% of repression

Card 1/2

JANOTA, O.; SKALICKOVA, O.

How long & how often must the cerebrospinal fluid in syphilis be controlled in order to prevent late complications of neurosyphilis?  
Cesk. psychiat. 53 no.5:297-300 Oct 57.

(NEUROSYPHILIS, cerebrospinal fluid in  
optimum length & frequency of CSF control in prev.  
of late compl. (Cz))

JANOTA, O.

50th Birthday of Prof. E. Vencovsky. Cesk. psychiat. 54 no.2:138-143  
Apr 58.

(BIOGRAPHIES

Vencovsky, Eugen (Cz))

JANOVA, O.

50th anniversary of Vaclav Petran, MD. Cesk. psychiat. 54 no.5:334-  
335 Oct 58.

(BIOGRAPHIES,  
Petran, Vaclav (Cz))

JANOTA, Otakar (Praha 2, Stepanska 16.)

Mental disorders. Cas. lek. cesk. 97 no.23-24:740-741 6 June 58.

1. Neurolog. odd. v Praze 8-Bulovka, prednosta prof. dr. O. Janota.  
(MENTAL DISORDERS, prev. & control,  
in Czech. (Cz))

DOBIAS, Jaroslav; JANOTA, Otakar; TAX, Josef

Spinal cord abscesses, Cesk. neur. 22 no.3:203-209 May 59.

1. Patologickoanatomicke odd. prednosta prim. dr. Viklicky  
Neurologicke odd., prednosta prof. dr. O. Janota II. interni odd.,  
prednosta prof. dr. R. Foit.

(SPINAL CORD, abscess,  
case reports (Cz))

JANOVA, O.

Sixty-fifth birthday of Prof. MUDr. Vladimír Vondráček. Česk.  
psychiat. 56 no.1:63-65 F '60.  
(BIOGRAPHIES)

JANOVA, O.; SKALICKOVA, O.

Significance of cerebrospinal fluid examination in forensic psychiatry. Cesk.psychiat.57 no.1:1-6 F '61.

1. Nemocnice na Bulovce a psychiatricka klinika v Praze.  
(PSYCHIATRY jurisprudence)  
(CEREBROSPINAL FLUID)

JANOVA, O.

Psychiatric research and journals of the Czechoslovakian Psychiatric Society. Cas.lek.cesk 100 no.38/39:1196-1198 29 S '61.

1. Neurologické oddelení, Praha 8 Bulovka, přednosta prof. dr. O. Janota.

(PSYCHIATRY)

JANOTA, O.

Dr. F. Soukup on his 70th birthday. Cesk. psychiat. 48 no.1:  
61-62 F '62.

(BIOGRAPHIES)

JANOVA, O.

Czech psychiatry and the origin of the Society of Czech Physicians  
and the journal Casopis Lekarů Českých. Česk. psychiat. 58 no.5:  
289-293 0 '62.

(HISTORY OF MEDICINE XIX CENT) (PSYCHIATRY)  
(PERIODICALS) (SOCIETIES MEDICAL)

JANOTA, O.

On the problem of the diagnosis of depression. Cesk. psychiat.  
59 no.2:73-84 Ap '63.

1. Neurologické oddelení nemocnice v Praze 8 na Bulovce.  
(DEPRESSION) (DIAGNOSIS)

Janota, V.

Janota, V. Production of covers for steel works. p. 374.  
vd. What the field office of the Scientific-Technical Society  
for Metallurgy prepares. p. 375.  
A review of congresses and exhibitions held abroad. p. 376.

Vol. 4, no. 12, Dec. 1956  
SLEVARENSTVI  
TECHNOLOGY  
Czechoslovakia

So. East European Accessions, Vol. 6, May 1957  
No. 5

ЖАКОВА, В.

S. M. Kirov's Ural Polytechnic Institute in Sverdlovsk, USSR.

P. 137, (Stevarenstvi) Vol. 5, no. 6, June 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (MEAI) Vol. 6, No. 11 November 1957

JANOVA, V.

Casting steel mold beds.

P. 213, (Stevarenstvi) Vol. 5, no. 7, July, 1957, Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (SEAI) Vol. 6, No. 11 November 1957

JANOTA, V.

"Automatic control of annealing and drying furnaces in foundries."

p. 340 (Slevarenstvi) Vol. 5, no. 11, Nov. 1957.  
Prague, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,  
April 1958

JANOTA, V.

JANOTA, V. Casting steel molds directly from blast-furnace crude iron.  
p. 60.

Vol. 7, no. 2, Feb. 1957

HUTNIK

TECHNOLOGY

Czechoslovakia

So: East European Accession, Vol. 6, No. 5, May 1957

JANOTA, V.

"120th anniversary of the Great October Socialist Revolution Ironworks in Trinec." P. 127.

SLEVARENSTVI. (Ministerstvo tezkého strojírenství a Československá vědecká technická společnost pro hutnictví a slevarenství). Praha, Czechoslovakia, Vol. 7, No. 4, Apr. 1959.

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Uncla.

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Improvement suggestions applied in Trine Ironworks. Slevarenstvi  
9 no.12:482 D '61.

POLAND / Microbiology. General Microbiology. Effect of External Agents. Disinfection. F

Abs Jour: Ref Zhur-Biol., No 2, 1959, 5437.

Author : Geyer-Duszynska, J.; Janota-Bassalik, L.

Inst : Not given.

Title : Radiation Effects on Microorganisms.

Orig Pub: Postepy biochem., 1957, 3, No 3-4, 289-307.

Abstract: A review. Bibl. 31 titles.

Card 1/1

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JANOŃA-BASSALIK, Ludmila; PEDYK, Danuta

Ability of *Flavobacterium extorquens bassalik* to utilize various sources of carbon with particular reference to glucose. *Acta microb. polon.* 10 no.3:225-237 '61.

1. From the Department of Plant Physiology, University of Warsaw, Poland.

(FLAVOBACTERIUM metab) (GLUCOSE metab)

JANOTA-BASSALIK, Ludmila; PYRKA, Krystyna

Optimum conditions for the utilization of oxalates by *Flavobacterium extorquens bassalik*. *Acta microbiol. polon.* 10 no.3:239-248 '61.

1. From the Department of Plant Physiology, University of Warsaw, Poland.

(FLAVOBACTERIUM metab) (OXALATES metab)

GRABINSKA, Anna; JANOTA-BASSALIK, Ludmila

The isolation and identification of the micro-organisms pathogenic to *Anethum graveolens*. Acta microbiol. polon. 11 no.3:271-276 '62.

1. From the Department of Microbiology, the University, Warszawa.  
(PLANTS) (XANTHOMONAS)

JANOTA-BASSALIK, Ludmila

Psychrophiles in low-moor peat. Acta microbiol. polon. 12 no.1:25-40  
'63.

1. From the Department of Microbiology, Warsaw University, Warsaw.  
(PSEUDOMONAS) (SERRATIA) (AEROBACTER)

JANOTA-BASSALIK, Ludmila

Growth of psychrophilic and mesophilic strains of peat bacteria.  
Acta microbiol. pol. 12 no.1:41-54 '63.

1. From the Department of Microbiology, Warsaw University, Wroclaw.  
(PSEUDOMONAS) (SERRATIA) (AEROBACTER)